

INTERNATIONAL SEARCH REPORT

International Application No	
PCT/US2004/002477	

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01V1/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 026 056 A (WALKER LEON JOHN ET AL) 15 February 2000 (2000-02-15) column 6, line 63 -column 7, line 6 claim 1	1-69
X	US 5 319 609 A (REGNAULT MICHEL) 7 June 1994 (1994-06-07) column 1, line 57 - line 65 column 2, line 28 - line 32 column 3, line 36 - line 44 column 3, line 55 - line 65 figure 1A	1-69
X	US 6 657 921 B1 (AMBS LORAN D) 2 December 2003 (2003-12-02) column 3, line 63 -column 4, line 4 column 5, line 14 - line 17	1-69

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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- *P* document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the International search

6 August 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	WO 00/20895 A (SCHLUMBERGER CA LTD ; SCHLUMBERGER SERVICES PETROL (FR); BITTLESTON) 13 April 2000 (2000-04-13) page 6, paragraph 1 page 14, paragraphs 2,4 ---	1-69
X	US 6 011 752 A (CHAMBERS RONALD E ET AL) 4 January 2000 (2000-01-04) column 2, line 38 - line 45 column 3, line 1-5 column 6, line 4 - line 7 column 7, line 13 - line 17 ---	1-69
X	US 4 222 266 A (THEODOULOU SAMUEL M) 16 September 1980 (1980-09-16) column 1, line 58 -column 2, line 5 column 4, line 54 -column 5, line 3 column 5, line 30 - line 33 column 7, line 52 - line 56 figure 8 ---	1-69
X	HUTCHISON B L ET AL: "A Precision Long Range Navigation And Guidance System For An Auv" CONFERENCE PROC. ARTICLE, 24 September 1990 (1990-09-24), pages 594-599, XP010219982 page 594 -page 595 figure 3 page 597 ---	1-69
X	THWAITES F.T., DAVIS C.S.: "Development of a towed, flyable fish for the Video Plankton Recorder" PROCEEDINGS OF THE OCEANS '02 MTS/IEEE, 29 - 31 October 2002, pages 1730-1736, XP002291571 abstract page 1733, right-hand column, paragraph 1 figure 7 ---	1-69
A	US 2003/236628 A1 (MARTORANA RICHARD T ET AL) 25 December 2003 (2003-12-25) abstract; claim 1 -----	1-69

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Information on patent family members

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